

Amendments to the Claims:

This listing of claims will replace all prior version, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, comprising the steps of:

- (a) sending environment information describing the environment of the wireless device to a server on the communication network, wherein the environment information includes geographical location, local weather, time and date, and any combination thereof, wherein the server maintains a database of web site identifiers that are categorized by environmental factors, and queries the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in ~~that~~ the environment of the wireless device, wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network;
- (b) receiving identifiers from the server of the particular web sites most likely to be requested by the user of the wireless device in that environment, wherein server policies determine which particular web site identifiers are ~~sent to~~ received by the device; and
- (c) caching the identifiers for selection by the user; ~~and~~
- (d) ~~using the identifiers for lookahead data entry, wherein the user is not required to have previously entered the identifiers.~~

2. (Canceled).

3. (Canceled).
4. (currently amended) The method of claim 1 further including the step of receiving a personalization ~~personalizing which of the received~~ identifiers ~~are pushed~~ based on personalization information.
5. (Original) The method of claim 1 further including the step of pre-fetching content from at least one of the web sites indicated by the identifiers.
6. (Original) The method of claim 1 further including the step of informing the user that the identifiers have been received.
7. (Original) The method of claim 1 further including the step of displaying the identifiers on the wireless device for selection by the user.
8. (Canceled).
9. (Original) The method of claim 1 further including the step of periodically sending the geographic location to the server.
10. (Original) The method of claim 1 further including the step of receiving URLs as the identifiers.

11. (Original) The method of claim 1 further including the step of receiving URL keywords as the identifiers for speech recognition.
12. (Currently amended) A system for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, comprising:
means for sending environment information describing the environment of the wireless device to a server on the communication network, wherein the environment information includes geographical location, local weather, time and date, and any combination thereof, wherein the server maintains a database of web site identifiers that are categorized by environmental factors, and queries the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in ~~that~~ the environment of the wireless device,
wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network;
means for receiving identifiers from the server of the particular web sites most likely to be requested by the user of the wireless device in that environment, wherein server policies determine which particular web site identifiers are ~~sent to~~ received by the device; and
means for caching the identifiers for selection by the user; ~~and~~
~~means for using the identifiers for lookahead data entry, wherein the user is not required to have previously entered the identifiers.~~
13. (Canceled).

14. (Canceled).
15. (Original) The system of claim 12 wherein the environment information comprises time and date.
16. (currently amended) The system of claim 12 further including means for receiving a personalization ~~personalizing which of the received~~ identifiers ~~are pushed~~ based on personalization information.
17. (Original) The system of claim 12 further including means for pre-fetching content from at least one of the web sites indicated by the identifiers.
18. (Original) The system of claim 12 further including means for informing the user that the identifiers have been received.
19. (Original) The system of claim 12 wherein the identifiers are displayed on the wireless device for selection by the user.
20. (Canceled).
21. (Original) The system of claim 12 further including means for periodically sending the geographic location to the server.

22. (Original) The system of claim 12 wherein the URLs are received as the identifiers.

23. (Original) The system of claim 12 wherein URL keywords are received as the identifiers for speech recognition.

24. (Currently amended) A computer-readable medium containing program instructions for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, the instructions for:

- a. sending environment information describing the environment of the wireless device to a server on the communication network, wherein the environment information includes geographical location, local weather, time and date, and any combination thereof, wherein the server maintains a database of web site identifiers that are categorized by environmental factors, and queries the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in ~~that~~ the environment of the wireless device, wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network;
- b. receiving identifiers from the server of the particular web sites most likely to be requested by the user of the wireless device in that environment, wherein server policies determine which particular web site identifiers are ~~sent to~~ received by the device; and
- e. caching the identifiers for selection by the user; ~~and~~

- d. ~~using the identifiers for lookahead data entry, wherein the user is not required to have previously entered the identifiers.~~

25. (Canceled).

26. (Canceled).

27. (Canceled).

28. (currently amended) The computer-readable medium of claim 24 further including the instruction of receiving a personalization ~~personalizing which of the received~~ identifiers ~~are pushed~~ based on personalization information.

29. (Original) The computer-readable medium of claim 24 further including the instruction of pre-fetching content from at least one of the web sites indicated by the identifiers.

30. (Original) The computer-readable medium of claim 24 further including the instruction of informing the user that the identifiers have been received.

31. (Original) The computer-readable medium of claim 24 further including the instruction of displaying the identifiers on the wireless device for selection by the user.

32. (Canceled).

33. (Original) The computer-readable medium of claim 24 further including the instruction of periodically sending the geographic location to the server.

34. (Original) The computer-readable medium of claim 24 further including the instruction of receiving URLs as the identifiers.

35. (Original) The computer-readable medium of claim 24 further including the instruction of receiving URL keywords as the identifiers for speech recognition.

36. (Currently amended) A method for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, comprising the steps of:
- a. sending a geographic location, local weather, time and date, and any combination thereof of the wireless device to a server on the communication network, wherein the server maintains a database of web site identifiers that are categorized by types of environments from which the identifiers are accessed by users of the communication network ~~environmental factors~~, and queries the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in ~~that~~ the environment of the wireless device, wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network;
 - b. receiving identifiers from the server of the particular web sites most likely to be

requested by the user of the wireless device in that environment, wherein server policies determine which particular web site identifiers are ~~sent to~~ received by the device; and

- c. caching the identifiers for selection by the user
- d. ~~using the identifiers for lookahead data entry, wherein the user is not required to have previously entered the identifiers.~~

37. (Original) The method of claim 36 further including the step of pre-fetching content from at least one of the web sites indicated by the identifiers.

38. (Original) The method of claim 36 further including the step of informing the user that the identifiers have been received.

39. (Original) The method of claim 36 further including the step of displaying the identifiers on the wireless device for selection by the user.

40. (Canceled).

41. (Original) The method of claim 36 further including the step of periodically sending the geographic location to the server.

42. (Original) The method of claim 36 further including the step of receiving URLs as the identifiers.

43. (Original) The method of claim 36 further including the step of receiving URL keywords as the identifiers for speech recognition.

44. (Currently amended) A system for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, comprising:
 means for sending a geographic location, local weather, time and date, and any combination thereof of the wireless device to a server on the communication network, wherein the server maintains a database of web site identifiers that are categorized by types of environments from which the identifiers are accessed by users of the communication network ~~environmental factors~~, and queries the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in ~~that the~~ environment of the wireless device, wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network;
 means for receiving identifiers from the server of the particular web sites most likely to be requested by the user of the wireless device in that environment, wherein server policies determine which particular web site identifiers are ~~sent to~~ received by the device; and
 means for caching the identifiers for selection by the user; ~~and~~
~~means for using the identifiers for lookahead data entry, wherein the user is not required to have previously entered the identifiers.~~

45. (Original) The system of claim 44 further including means for pre-fetching content from at least one of the web sites indicated by the identifiers.

46. (Original) The system of claim 44 further including means for informing the user that the identifiers have been received.

47. (Original) The system of claim 44 wherein the identifiers are displayed on the wireless device for selection by the user.

48. (Canceled).

49. (Original) The system of claim 44 further including means for periodically sending the geographic location to the server.

50. (Original) The system of claim 44 wherein the URLs are received as the identifiers.

51. (Original) The system of claim 44 wherein URL keywords are received as the identifiers for speech recognition.

52. (Currently amended)A computer-readable medium containing program instructions for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, the instructions for:

- a. sending a geographic location, local weather, time and date, and any combination thereof of the wireless device to a server on the communication network, wherein the server maintains a database of web site identifiers that are categorized by types of environments from which the identifiers are accessed by users of the communication

~~network environmental factors~~, and queries the database using the environment information to determine particular web sites most likely to be requested by a user of the wireless device in ~~that~~ the environment of the wireless device, wherein the particular web sites are determined by examining prior patterns of access of web sites in the environment of the wireless device by users of the communication network;

- b. receiving identifiers from the server of the particular web sites most likely to be requested by the user of the wireless device in that environment, wherein server policies determine which particular web site identifiers are ~~sent to~~ received by the device; and
- c. caching the identifiers for selection by the user; ~~and~~
- d. ~~using the identifiers for lookahead data entry, wherein the user is not required to have previously entered the identifiers.~~

53. (Original) The computer-readable medium of claim 52 further including the instruction of pre-fetching content from at least one of the web sites indicated by the identifiers.

54. (Original) The computer-readable medium of claim 52 further including the instruction of informing the user that the identifiers have been received.

55. (Original) The computer-readable medium of claim 52 further including the instruction of displaying the identifiers on the wireless device for selection by the user.

56. (Canceled).

57. (Original) The computer-readable medium of claim 52 further including the instruction of periodically sending the geographic location to the server.

58. (Original) The computer-readable medium of claim 52 further including the instruction of receiving URLs as the identifiers.

59 (Original) The computer-readable medium of claim 52 further including the instruction of receiving URL keywords as the identifiers for speech recognition.

60. (New) The method of claim 1 further comprising using the cached identifiers for lookahead data entry when the user enters a request for information to the wireless device, wherein the user is not required to have previously entered the identifiers.

61. (New) The method of claim 1 wherein the web site identifiers of the database are categorized according to types of environments.

62. (New) The method of claim 1 wherein the web site identifiers received by the wireless devices are augmented with identifiers for web sites accessed from an environment similar to the the environment of the wireless device.

63. (New) The method of claim 1 wherein the web site identifiers most likely to be requested are for web sites which have been most frequently requested by the users accessing the communication network when located in the current environment of the wireless device.

64. (New) The method of claim 61 wherein the server categorizes the web site identifiers in types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of wireless devices of the communications network.

65. (New) The system of claim 12 further comprising means for using the cached identifiers for lookahead data entry when the user enters a request for information to the wireless device, wherein the user is not required to have previously entered the identifiers.

66. (New) The system of claim 12 wherein the web site identifiers most likely to be requested are for web sites which have been most frequently requested by the users accessing the communication network when located in the current environment of the wireless device.

67. (New) The system of claim 12 wherein the server categorizes web site identifiers of the database according to types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of wireless devices of the communications network.

68. (New) The computer-readable medium of claim 24 further comprising using the cached

identifiers for lookahead data entry when the user enters a request for information to the wireless device, wherein the user is not required to have previously entered the identifiers.

69. (New) The computer-readable medium of claim 24 wherein the web site identifiers received by the wireless devices are augmented with identifiers for web sites accessed from an environment similar to the the environment of the wireless device.

70. (New) The computer-readable medium of claim 24 wherein the web site identifiers most likely to be requested are for web sites which have been most frequently requested by the users accessing the communication network when located in the current environment of the wireless device.

71. (New) The computer-readable medium of claim 24 wherein the server categorizes web site identifiers of the database according to types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of wireless devices of the communications network.

72. (New) The method of claim 36 further comprising using the cached identifiers for lookahead data entry when the user enters a request for information to the wireless device, wherein the user is not required to have previously entered the identifiers.

73. (New) The method of claim 36 wherein the server categorizes web site identifiers of the

database according to types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of wireless devices of the communications network.

74. (New) The system of claim 44 further comprising means for using the cached identifiers for lookahead data entry when the user enters a request for information to the wireless device, wherein the user is not required to have previously entered the identifiers.

75. (New) The system of claim 44 wherein the server categorizes web site identifiers of the database according to types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information for each environment for patterns of use by the users accessing the communications network, wherein the information indicates which web sites have been accessed from which environments by a plurality of wireless devices of the communications network.

76. (New) The computer-readable medium of claim 52 further comprising using the cached identifiers for lookahead data entry when the user enters a request for information to the wireless device, wherein the user is not required to have previously entered the identifiers.

77. (New) The computer-readable medium of claim 52 wherein the server categorizes web site identifiers of the database according to types of environments by collecting information from a service provider of the communications network, the server analyzing the collected information

for each environment for patterns of use by the users accessing the communications network,
wherein the information indicates which web sites have been accessed from which environments
by a plurality of wireless devices of the communications network.